



Disassembling Nokia E72

A Complete disassembly of the Nokia E72 device. This device is SUPER easy to disassemble.

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INTRODUCTION

I was fortunate enough to hold one of my users E72's after he dropped it down the toilet "at a party" it did not work at all and the warranty is void, i like taking stuff apart and putting it back together again, so here we go!



TOOLS:

- [iFixit Opening Tools](#) (1)
 - [T5 Torx Screwdriver](#) (1)
 - [T6 Torx Screwdriver](#) (1)
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Step 1 — Nokia E72



- Here's the device before i started prying it open!

Step 2



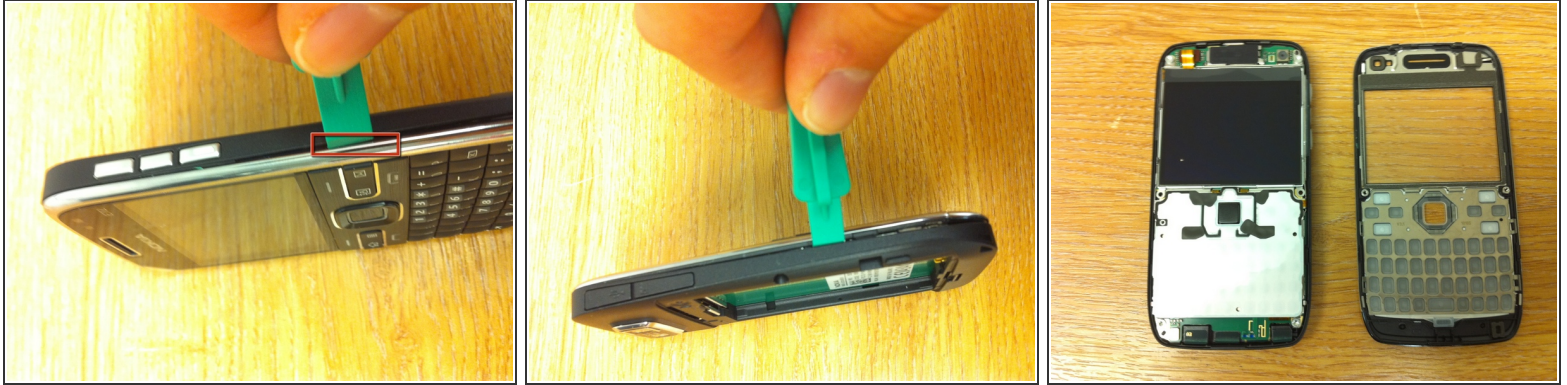
- Remove metal backplate followed by the battery and then the SIM by pulling the SIM tray downwards. I do like this tray idea, but then again it's another thing that can go wrong with the device..

Step 3



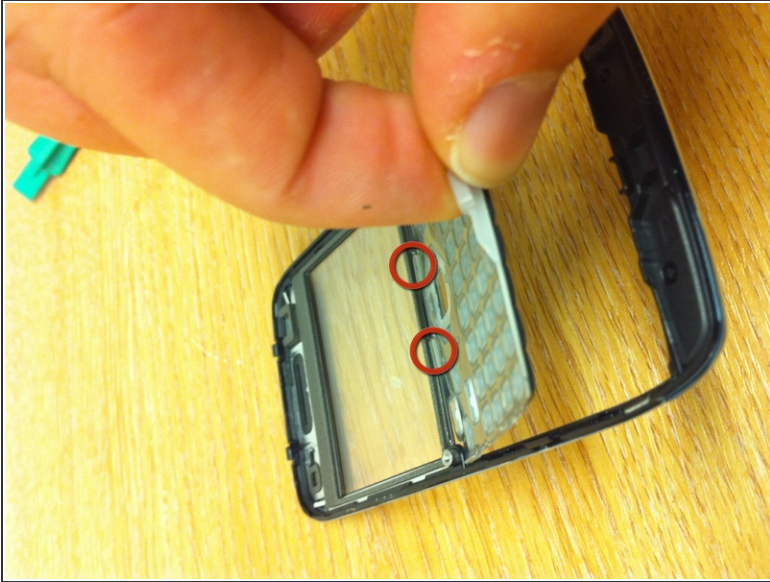
- There are 2 screws on either side of the casing on the back of the E72.
- Unscrew both screws using a T5 torx screwdriver

Step 4



- I used the opening device to un clip the silver front of the phone by inserting it at the point shown in the image and then running it down the side of the phone downwards (towards the bottom).
- Rinse and repeat on the other side.
- Then I ran the opening device carefully round the top edges of the phone, there was a clip at the very top.
- Pulled the casing apart gently.
- I now have the front and back part of the Nokia E72.

Step 5



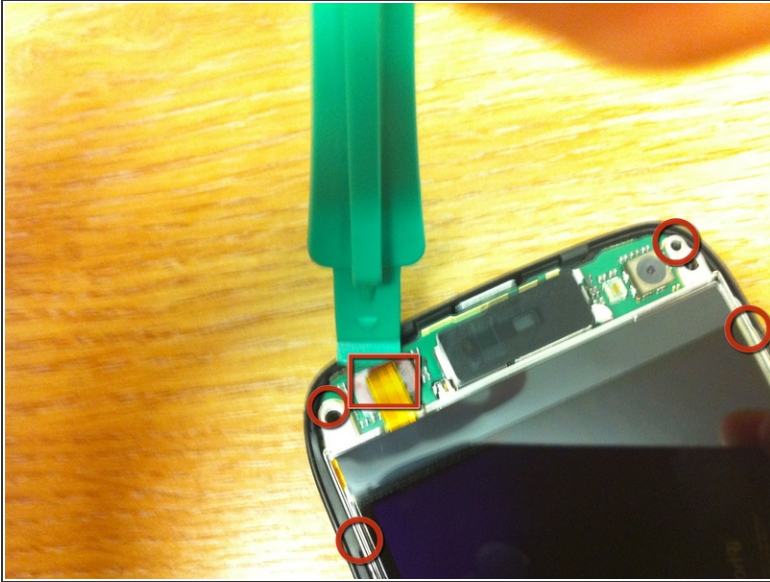
- I pulled the bottom edge of the keypad upwards, and then down away from the phone.
- The keypad is latched by two metal connectors on the front face of the phone, when re-assembling make sure to latch them back in correctly.

Step 6



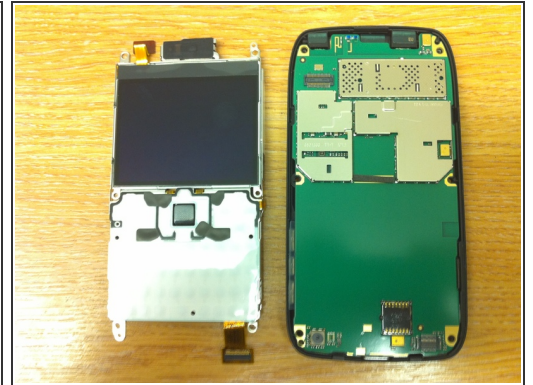
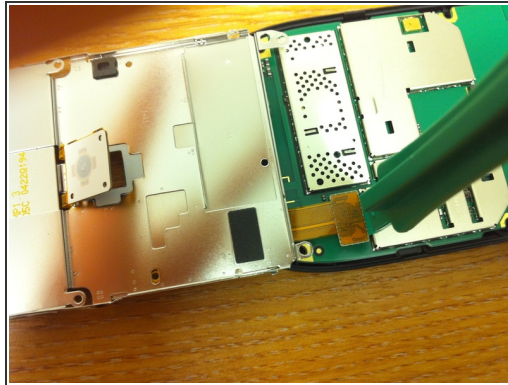
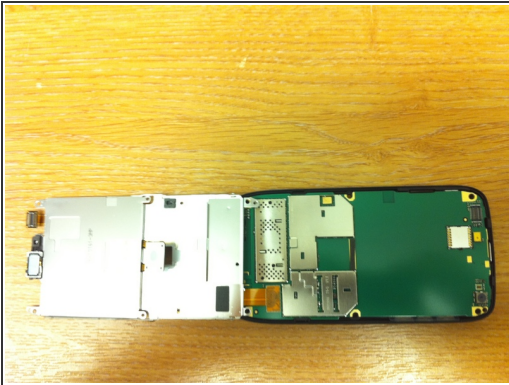
- I needed to use the next size up of torx screwdriver for this set of screws.
- Unscrewed the 2 screws on the bottom edge of the phone, this time T6 torx.
- Followed by the top edge screws.

Step 7



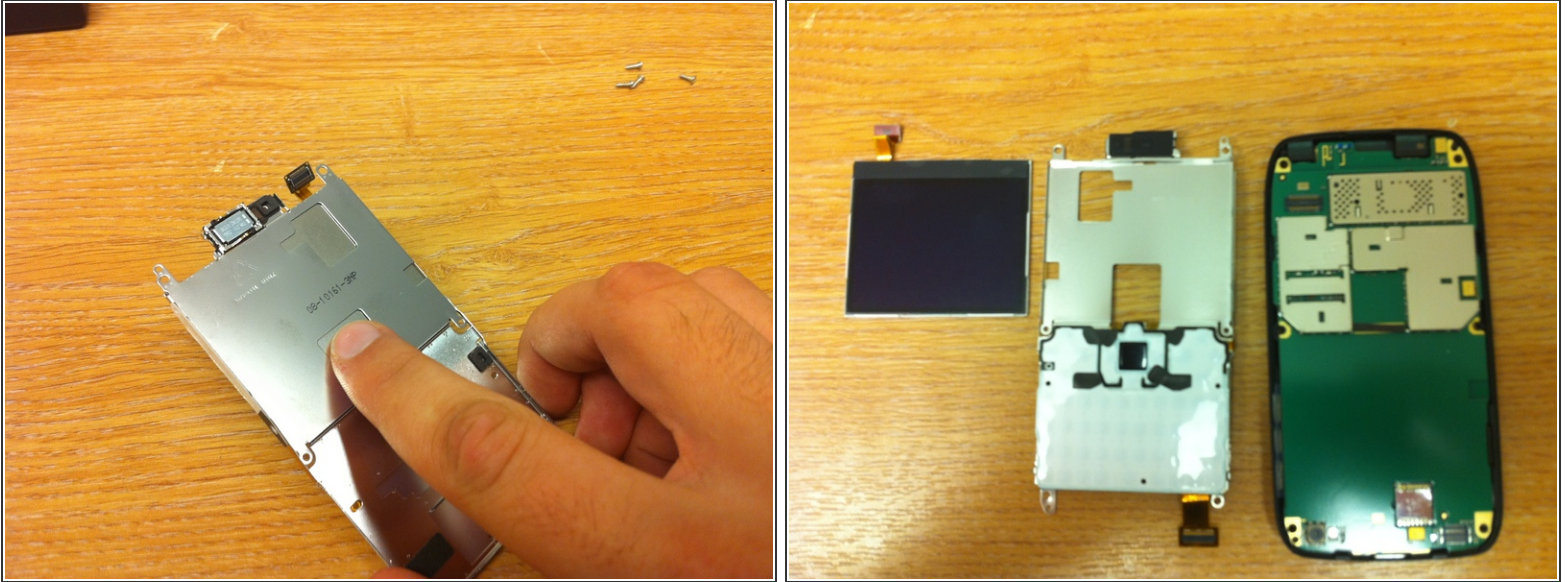
- The opening device was used to remove the connector for the display from the system board.
- Then pulled the metal plate away from the system board by lifting the metal connectors circled in the picture and the sides of the screen plate also circled.

Step 8



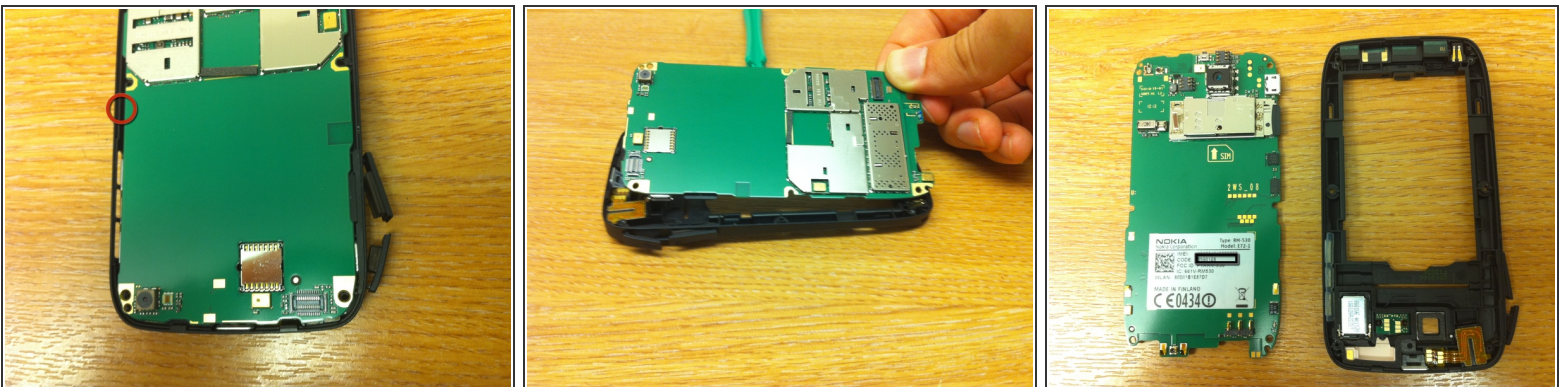
- I then folded the metal plate over the bottom of the phone.
- Used an opening device to remove the connector for the keyboard sensor pads.
- Take away the metal plate from the system board.

Step 9



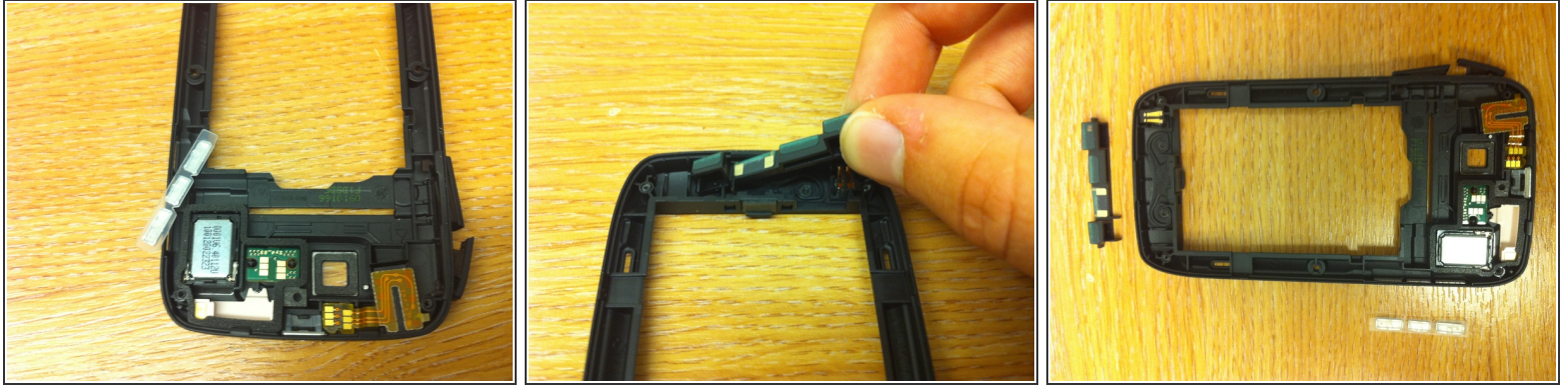
- To remove the screen from the metal backing plate, apply some pressure to the back of the screen plate that you can see through the metal backing plate.
- Alternatively I could have used a spudger or opening device to pry the screen away, though that may cause the metal back plate to bend.

Step 10



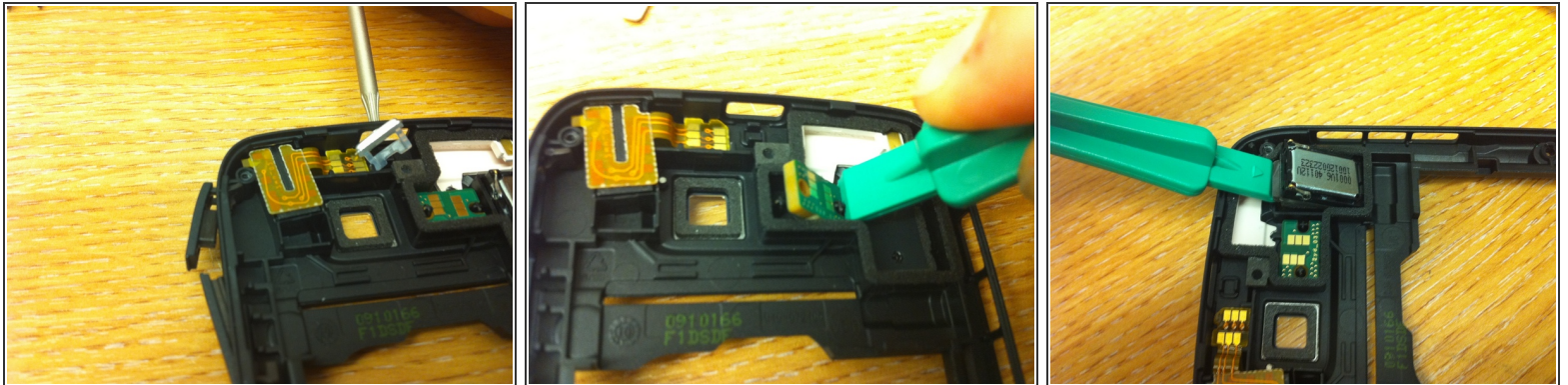
- I un-clipped the two rubberised connectors for the USB connector and the SD card, this made it easier for the system board to be removed.
- I used an opening device to lift the system board from right hand side edge of the phone (it comes out easier from this end).

Step 11



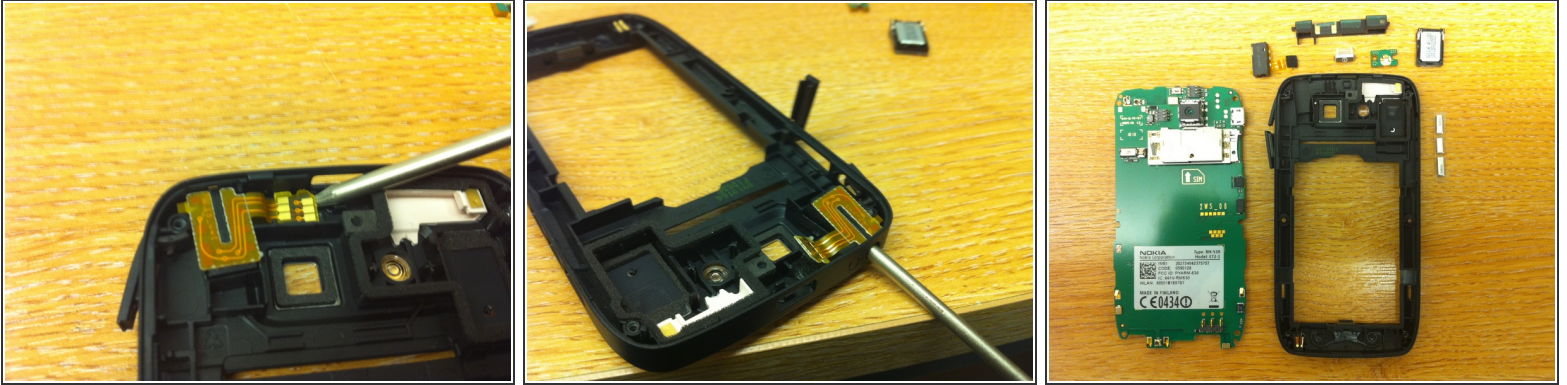
- Removed the 3 button strip from the right hand side of the device.
- Remove the microphone housing from the bottom of the device, this piece of kit also looks to be like the antenna looking at the markings and gold plating.

Step 12



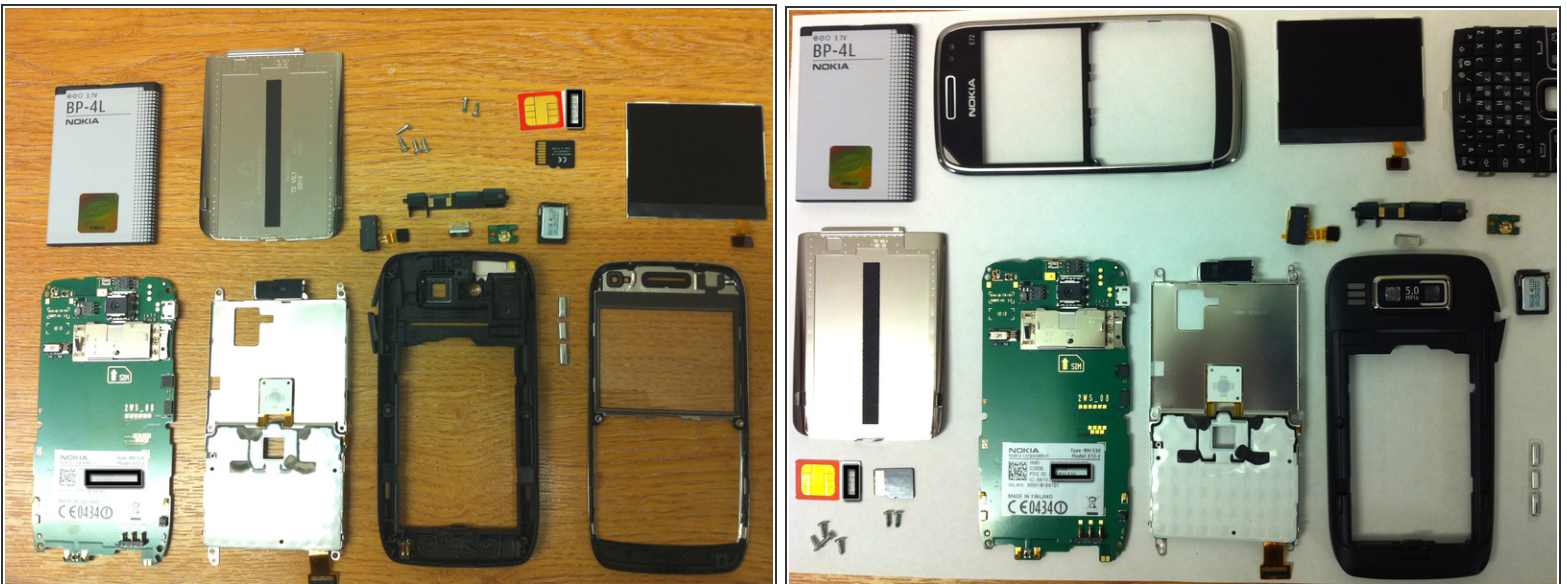
- Poked the Power button out.
- Pressed down on the right hand side of the LED flash to remove it.
- Removed the speakers box.

Step 13



- Lifted the connector pin pad of the headphone socket, it is glued on by some adhesive foam.
- Insert object into the headphone socket and force object downwards to remove headphone connector (it pops up at the back), perhaps inserting a headphone jack instead of a screwdriver would have been better!

Step 14



- Ta-Da! This has to be the easiest phone to disassemble i have ever worked on. Only 6 screws on the entire device.

Very good device i think personally, with this disassembly you should be able to replace any part in the phone without an issue.

